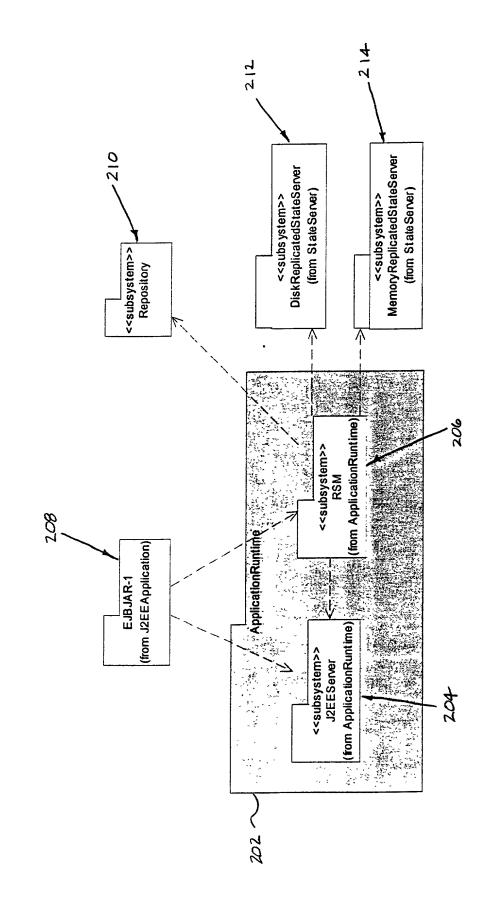


FIGURE 1 (Prior Art)

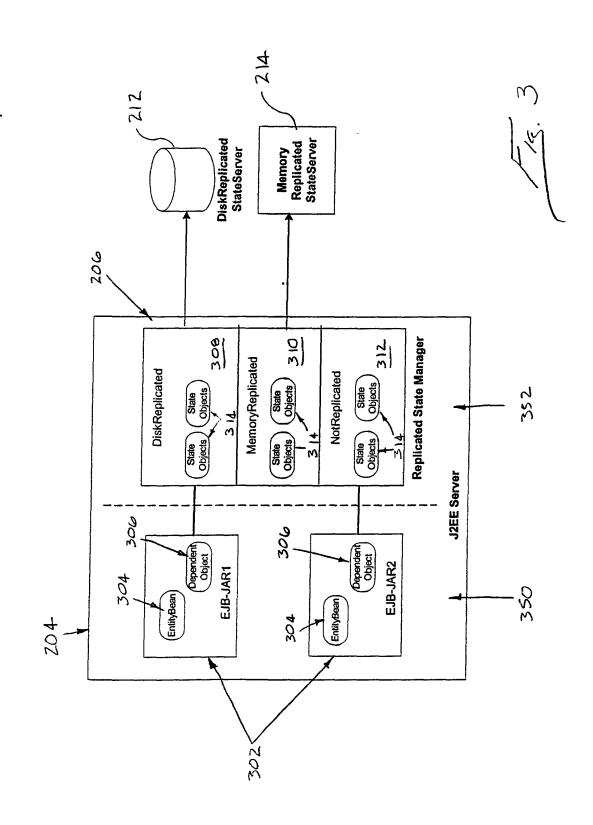
10 (100)

. 200



18.2

7 300



1
Recoverable States
<u>408</u> Disk Replicated
Memory Replicated

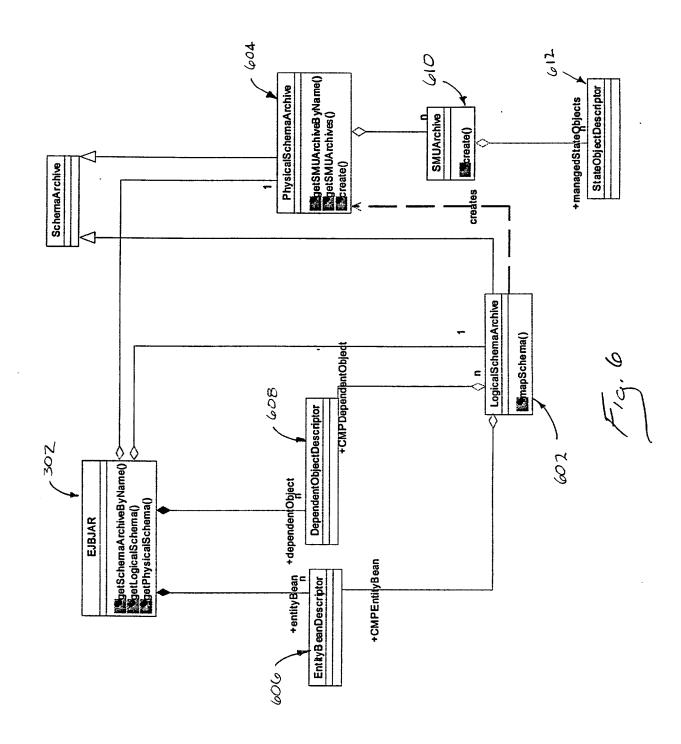
FIG. 4

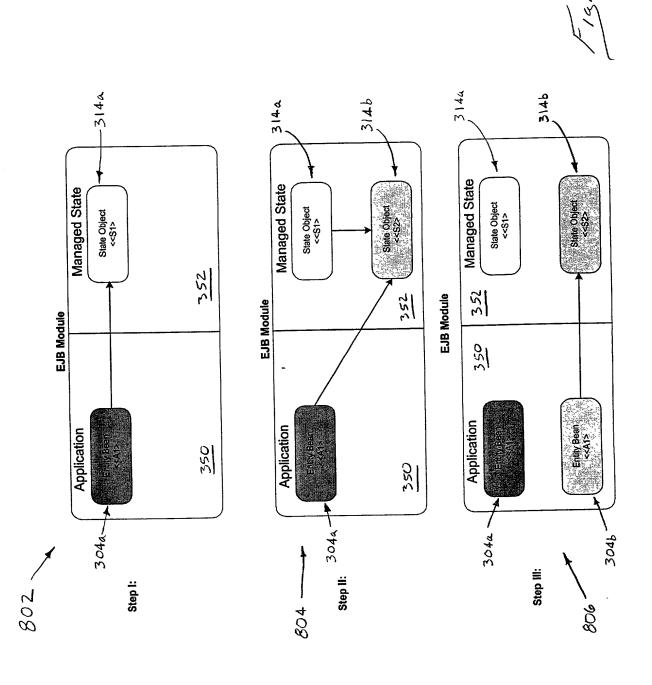
TransactionMana ger (from J2EEServer) manageCheckpoint moveModule

ControlModule (fom J2EERuntimeModel)

550

Part I





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